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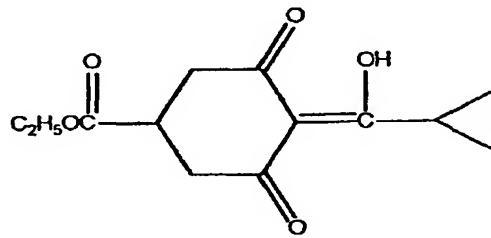
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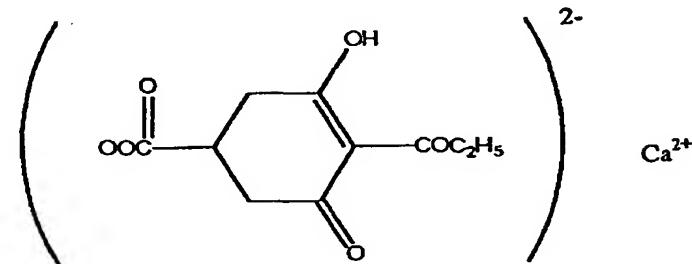
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR INHIBITING DIFFERENTIATION AND FORMATION OF CONIFEROphyta MALE FLOWER BY TREATMENT WITH PROHEXADIONE COMPOUNDS



(I)

 Ca^{2+}

WO 2003/084323 A3

(57) Abstract: The present invention provides a method and composition for inhibiting the formation of Coniferophyta pollen, which has an excellent effect of inhibiting the formation of male Coniferophyta flowers without substantially inhibiting the elongation growth of the Coniferophyta trees. Prohexadione compounds are used as the active ingredients. The prohexadione compounds are, for example, as follows: formula (I).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/09441

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01N 35/06, 37/08
 US CL : 504/348

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 504/348

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,665,680 A (NAKESEKO et al) 09 September 1997. See column 2, lines 9-10, and claim 12.	1-10
A	JP 59-231045 A (BRUNNA et al) See column 1.	1-10
A	TOMLIN, C.D.S. The Pesticide Manual. 11th edition. Entry 595. "prohexadione-calcium". 1987. pages 1008-1009.	1-10

Further documents are listed in the continuation of Box C.

See patent family annex.

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
WEST (USPAT, PGPUBS, DWPI, EPO, JPO): prohexadione names, conifer-, pollen-, cryptomeria, dione-, triketone-, male, flower-, infloresc-, flora-, blossom-